

Table 5.10c
Unadjusted Graft Survival, Deceased Donor Kidney Transplants
Survival at 3 Months, 1 Year, 5 Years, and 10 Years

	3 Months			1 Year			5 Years			10 Years		
	(Tx 2006 - 2007)			(Tx 2006 - 2007)			(Tx 2002 - 2007)			(Tx 1997 - 2007)		
	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.
Total												
All	20,298	95.3%	0.1%	20,298	91.0%	0.2%	55,513	69.3%	0.3%	94,990	43.3%	0.3%
Age at Tx												
<1 Year	2	50.0%	35.4%	2	50.0%	35.4%	4	+	+	5	+	+
1-5 Years	159	95.0%	1.7%	159	91.7%	2.2%	358	78.2%	3.0%	562	61.9%	3.7%
6-11 Years	216	97.2%	1.1%	216	94.9%	1.5%	575	74.5%	2.6%	955	51.2%	2.8%
12-17 Years	672	96.6%	0.7%	672	93.4%	1.0%	1,618	64.4%	1.9%	2,501	39.7%	2.0%
18-34 Years	2,267	95.9%	0.4%	2,267	92.8%	0.5%	6,919	70.2%	0.7%	13,450	47.3%	0.7%
35-49 Years	5,402	96.2%	0.3%	5,402	93.1%	0.3%	15,777	73.2%	0.5%	29,285	48.8%	0.5%
50-64 Years	8,161	95.2%	0.2%	8,161	90.5%	0.3%	21,909	69.9%	0.4%	36,126	40.9%	0.5%
65+ Years	3,419	93.4%	0.4%	3,419	87.0%	0.6%	8,353	58.6%	0.8%	12,106	26.2%	0.9%
Recipient Ethnicity/Race												
White	9,500	95.6%	0.2%	9,500	91.1%	0.3%	26,726	70.7%	0.4%	48,243	45.6%	0.4%
African American	6,336	94.3%	0.3%	6,336	89.3%	0.4%	17,022	62.8%	0.5%	28,245	33.8%	0.5%
Hispanic/Latino	2,954	95.9%	0.4%	2,954	92.9%	0.5%	7,740	74.9%	0.7%	12,107	50.5%	0.9%
Asian	1,215	96.7%	0.5%	1,215	93.8%	0.7%	3,265	77.1%	1.0%	5,239	56.2%	1.3%
Other/Multi-race	293	96.9%	1.0%	293	93.1%	1.5%	759	73.0%	2.4%	1,153	43.5%	2.9%
Unknown	0	-	-	0	-	-	1	100.0%	0.0%	3	100.0%	0.0%
Recipient Gender												
Female	7,882	95.3%	0.2%	7,882	91.5%	0.3%	21,879	70.8%	0.4%	37,579	45.8%	0.5%
Male	12,416	95.3%	0.2%	12,416	90.7%	0.3%	33,634	68.2%	0.4%	57,411	41.7%	0.4%
Recipient Blood Type												
O	9,272	95.3%	0.2%	9,272	91.1%	0.3%	25,228	69.2%	0.4%	42,542	43.3%	0.4%
A	7,297	95.5%	0.2%	7,297	91.2%	0.3%	20,371	69.7%	0.4%	35,590	43.6%	0.5%
B	2,615	94.9%	0.4%	2,615	90.2%	0.6%	6,994	68.2%	0.8%	11,866	42.4%	0.8%
AB	1,114	94.6%	0.7%	1,114	90.8%	0.9%	2,920	69.3%	1.2%	4,992	43.3%	1.3%
Previous Kidney Tx												
No	17,700	95.4%	0.2%	17,700	91.1%	0.2%	48,242	69.5%	0.3%	82,204	43.5%	0.3%
Yes	2,598	94.8%	0.4%	2,598	90.5%	0.6%	7,271	67.7%	0.8%	12,786	41.9%	0.8%

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Total												
All	20,298	95.3%	0.1%	20,298	91.0%	0.2%	55,513	69.3%	0.3%	94,990	43.3%	0.3%
Recipient Residency												
U.S. Resident	20,152	95.3%	0.1%	20,152	91.0%	0.2%	55,159	69.3%	0.3%	94,273	43.2%	0.3%
Nonresident Alien	143	95.8%	1.7%	143	95.0%	1.8%	331	66.7%	5.2%	584	53.8%	5.4%
Unknown	3	66.7%	27.2%	3	33.3%	27.2%	23	46.6%	11.5%	133	44.9%	4.7%
Hospitalized at Tx												
Not Hospitalized	19,996	95.4%	0.1%	19,996	91.1%	0.2%	54,668	69.4%	0.3%	93,319	43.3%	0.3%
Hospitalized	257	91.0%	1.8%	257	83.7%	2.3%	737	60.0%	2.3%	1,422	40.8%	2.0%
In Intensive Care	42	81.0%	6.1%	42	73.8%	6.8%	104	56.4%	9.1%	232	34.0%	4.5%
Unknown	3	66.7%	27.2%	3	66.7%	27.2%	4	+	+	17	77.0%	12.0%
Primary Diagnosis												
Glomerular Diseases	4,747	96.0%	0.3%	4,747	92.7%	0.4%	13,481	72.4%	0.5%	24,231	48.7%	0.5%
Diabetes	4,781	94.6%	0.3%	4,781	88.8%	0.5%	13,021	64.0%	0.6%	21,310	32.4%	0.6%
Hypertensive												
Nephrosclerosis	4,998	95.0%	0.3%	4,998	90.6%	0.4%	12,332	65.5%	0.6%	19,266	37.5%	0.7%
Polycystic Kidneys	1,702	96.7%	0.4%	1,702	93.4%	0.6%	4,673	79.9%	0.8%	8,417	58.0%	0.9%
Tubular and Interstitial Diseases	980	94.7%	0.7%	980	91.0%	0.9%	2,852	71.6%	1.1%	5,227	48.4%	1.1%
Renovascular & Other Vascular Diseases	666	94.0%	0.9%	666	88.5%	1.2%	2,470	68.3%	1.2%	4,635	38.0%	1.2%
Congenital, Rare Familial, & Metabolic Disorders	598	96.0%	0.8%	598	92.9%	1.1%	1,547	74.7%	1.6%	2,597	50.4%	1.7%
Neoplasms	80	95.0%	2.4%	80	95.0%	2.4%	195	67.3%	5.0%	299	37.6%	5.4%
Other	1,620	95.5%	0.5%	1,620	91.4%	0.7%	4,352	70.7%	1.0%	7,670	47.2%	1.0%
Unknown	126	91.3%	2.5%	126	87.9%	2.9%	590	70.3%	2.3%	1,338	48.4%	2.1%

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	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.
Total												
All	20,298	95.3%	0.1%	20,298	91.0%	0.2%	55,513	69.3%	0.3%	94,990	43.3%	0.3%
Cold Ischemic Time												
0-11 Hours	4,421	96.6%	0.3%	4,421	92.7%	0.4%	10,749	70.9%	0.6%	15,727	45.3%	0.8%
12-21 Hours	8,349	95.2%	0.2%	8,349	91.1%	0.3%	22,739	70.2%	0.4%	38,756	43.5%	0.4%
22-31 Hours	4,519	95.3%	0.3%	4,519	90.6%	0.4%	12,677	68.4%	0.6%	23,822	43.3%	0.5%
32-41 Hours	943	94.7%	0.7%	943	89.7%	1.0%	2,477	67.7%	1.3%	5,120	38.3%	1.1%
42+ Hours	340	94.1%	1.3%	340	87.3%	1.8%	680	57.3%	3.0%	1,115	36.6%	2.5%
Unknown	1,726	93.2%	0.6%	1,726	88.6%	0.8%	6,191	66.8%	0.8%	10,450	43.4%	1.0%
PRA at Transplant												
0-9%	15,321	95.4%	0.2%	15,321	91.2%	0.2%	42,316	69.6%	0.3%	72,885	43.7%	0.3%
10-79%	2,970	94.8%	0.4%	2,970	90.1%	0.6%	7,352	67.9%	0.8%	11,839	40.6%	0.8%
80%+	1,272	95.1%	0.6%	1,272	90.3%	0.8%	3,064	68.8%	1.2%	4,491	40.5%	1.6%
Unknown	735	95.0%	0.8%	735	90.4%	1.1%	2,781	67.9%	1.1%	5,775	45.2%	1.1%
Yearly Center Volume												
0-12	336	96.1%	1.1%	336	94.3%	1.3%	932	68.9%	2.2%	2,333	42.5%	1.8%
13-28	1,147	94.8%	0.7%	1,147	90.6%	0.9%	3,517	67.8%	1.1%	7,006	43.7%	1.0%
29-47	2,098	95.3%	0.5%	2,098	90.0%	0.7%	6,117	68.7%	0.8%	12,834	44.9%	0.8%
48-81	3,533	96.1%	0.3%	3,533	92.4%	0.4%	11,884	70.9%	0.6%	20,658	42.7%	0.6%
82+	13,184	95.1%	0.2%	13,184	90.7%	0.3%	33,063	68.9%	0.4%	52,159	43.1%	0.4%
Dialysis Needed Within First Week After Tx												
No	15,370	97.4%	0.1%	15,370	93.9%	0.2%	42,104	73.6%	0.3%	71,692	47.6%	0.3%
Yes	4,922	88.7%	0.5%	4,922	82.0%	0.5%	13,401	55.6%	0.6%	23,085	30.2%	0.5%
Unknown	6	83.3%	15.2%	6	66.7%	19.2%	8	+	+	213	36.1%	3.5%
Donor Age												
<1 Year	107	84.1%	3.5%	107	80.4%	3.8%	190	60.8%	4.8%	344	47.1%	4.6%
1-5 Years	464	94.6%	1.0%	464	90.2%	1.4%	1,292	72.5%	1.6%	2,398	54.0%	1.6%
6-11 Years	462	96.8%	0.8%	462	91.7%	1.3%	1,431	74.3%	1.5%	2,992	47.7%	1.5%
12-17 Years	1,411	96.9%	0.5%	1,411	94.0%	0.6%	4,339	75.4%	0.9%	8,281	51.6%	0.9%
18-34 Years	6,065	96.9%	0.2%	6,065	93.9%	0.3%	16,484	75.1%	0.5%	27,654	50.0%	0.5%
35-49 Years	5,994	95.5%	0.3%	5,994	91.3%	0.4%	16,258	68.8%	0.5%	27,622	42.3%	0.5%
50-64 Years	4,949	93.5%	0.4%	4,949	87.8%	0.5%	13,282	62.3%	0.6%	21,900	33.8%	0.6%
65+ Years	846	91.8%	0.9%	846	83.0%	1.3%	2,237	53.2%	1.5%	3,799	22.4%	1.2%

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	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.
Total												
All	20,298	95.3%	0.1%	20,298	91.0%	0.2%	55,513	69.3%	0.3%	94,990	43.3%	0.3%
A Locus Mismatch												
0	4,009	96.2%	0.3%	4,009	93.0%	0.4%	11,366	73.9%	0.6%	20,485	47.7%	0.6%
1	7,147	95.1%	0.3%	7,147	90.2%	0.4%	19,386	68.8%	0.5%	33,752	43.5%	0.5%
2	9,139	95.1%	0.2%	9,139	90.7%	0.3%	24,754	67.5%	0.4%	40,684	40.8%	0.4%
Unknown	3	100.0%	0.0%	3	100.0%	0.0%	7	68.6%	18.6%	69	33.6%	6.4%
B Locus Mismatch												
0	3,235	96.6%	0.3%	3,235	93.6%	0.4%	9,738	74.1%	0.6%	18,999	48.0%	0.6%
1	4,519	94.9%	0.3%	4,519	90.6%	0.4%	13,774	70.0%	0.5%	28,403	43.3%	0.5%
2	12,541	95.1%	0.2%	12,541	90.4%	0.3%	31,994	67.3%	0.4%	47,519	41.0%	0.5%
Unknown	3	100.0%	0.0%	3	100.0%	0.0%	7	68.6%	18.6%	69	33.6%	6.4%
DR Locus Mismatch												
0	4,838	96.5%	0.3%	4,838	93.0%	0.4%	14,418	73.7%	0.5%	27,212	47.6%	0.5%
1	8,634	95.4%	0.2%	8,634	91.1%	0.3%	23,226	69.2%	0.4%	39,919	42.7%	0.4%
2	6,816	94.4%	0.3%	6,816	89.4%	0.4%	17,841	65.6%	0.5%	27,742	39.4%	0.6%
Unknown	10	100.0%	0.0%	10	100.0%	0.0%	28	71.6%	9.6%	117	30.9%	5.5%
Total Mismatch												
0	2,865	96.7%	0.3%	2,865	93.7%	0.5%	8,162	74.9%	0.7%	13,939	49.6%	0.8%
1	161	96.3%	1.5%	161	92.5%	2.1%	655	75.4%	2.0%	2,315	47.4%	1.4%
2	709	95.9%	0.7%	709	92.5%	1.0%	2,508	71.8%	1.1%	6,381	45.3%	0.9%
3	2,329	95.2%	0.4%	2,329	91.1%	0.6%	7,228	70.9%	0.7%	15,274	44.3%	0.6%
4	5,261	95.3%	0.3%	5,261	90.9%	0.4%	13,923	69.4%	0.5%	22,926	42.4%	0.6%
5	6,109	94.9%	0.3%	6,109	90.1%	0.4%	15,581	66.6%	0.5%	22,938	39.9%	0.7%
6	2,854	94.5%	0.4%	2,854	89.7%	0.6%	7,426	64.6%	0.8%	11,081	38.2%	0.9%
Unknown	10	100.0%	0.0%	10	100.0%	0.0%	30	70.4%	9.2%	136	34.4%	5.0%

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Total												
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Transplant Center State												
Alabama	310	97.4%	0.9%	310	94.5%	1.3%	855	69.9%	2.1%	1,720	46.7%	1.9%
Arkansas	196	95.9%	1.4%	196	90.8%	2.1%	489	67.7%	3.2%	727	40.4%	3.3%
Arizona	312	98.1%	0.8%	312	95.1%	1.2%	793	78.7%	2.0%	1,300	54.3%	2.4%
California	2,354	96.8%	0.4%	2,354	93.3%	0.5%	6,630	73.0%	0.8%	11,068	47.4%	0.9%
Colorado	215	97.2%	1.1%	215	93.0%	1.7%	699	77.1%	2.1%	1,133	48.9%	2.7%
Connecticut	140	95.7%	1.7%	140	91.4%	2.4%	442	72.0%	2.8%	736	49.1%	3.0%
District of Columbia	194	95.4%	1.5%	194	90.6%	2.1%	537	68.1%	3.0%	934	44.0%	2.8%
Delaware	12	100.0%	0.0%	12	100.0%	0.0%	18	47.2%	33.5%	27	66.1%	16.2%
Florida	1,249	96.0%	0.6%	1,249	92.8%	0.7%	3,447	71.4%	1.1%	5,988	44.8%	1.1%
Georgia	489	96.3%	0.9%	489	93.2%	1.1%	1,340	71.2%	1.7%	2,397	43.4%	1.8%
Hawaii	67	98.5%	1.5%	67	97.0%	2.1%	203	78.1%	3.9%	350	55.7%	4.6%
Iowa	154	95.5%	1.7%	154	91.5%	2.2%	453	67.1%	3.1%	807	40.9%	3.0%
Illinois	676	95.1%	0.8%	676	89.3%	1.2%	2,078	67.9%	1.3%	3,574	40.1%	1.5%
Indiana	227	97.4%	1.1%	227	94.2%	1.6%	917	76.5%	1.9%	1,462	57.3%	2.3%
Kansas	162	98.8%	0.9%	162	95.5%	1.7%	436	75.4%	3.1%	722	48.3%	3.3%
Kentucky	202	96.0%	1.4%	202	93.0%	1.8%	623	68.8%	2.5%	1,150	38.4%	2.4%
Louisiana	351	95.4%	1.1%	351	90.5%	1.6%	1,086	62.4%	2.1%	1,789	36.9%	2.0%
Massachusetts	441	93.6%	1.2%	441	90.0%	1.4%	1,187	73.0%	1.8%	2,108	44.0%	1.9%
Maryland	497	95.2%	1.0%	497	88.5%	1.4%	1,325	60.0%	1.9%	2,608	33.7%	1.8%
Maine	75	98.7%	1.3%	75	94.7%	2.6%	199	72.2%	4.5%	359	49.1%	4.6%
Michigan	674	94.8%	0.9%	674	88.4%	1.2%	1,812	67.7%	1.4%	3,042	39.8%	1.6%
Minnesota	310	97.4%	0.9%	310	93.5%	1.4%	863	73.1%	2.0%	1,649	45.8%	2.0%
Missouri	553	96.9%	0.7%	553	93.1%	1.1%	1,300	76.7%	1.7%	2,343	47.9%	1.8%
Mississippi	109	95.4%	2.0%	109	95.4%	2.0%	206	75.4%	4.5%	348	47.5%	4.5%
North Carolina	663	95.8%	0.8%	663	91.5%	1.1%	1,621	69.3%	1.7%	2,569	42.9%	1.9%
North Dakota	48	95.8%	2.9%	48	91.7%	4.0%	168	58.4%	5.0%	264	40.6%	4.8%
Nebraska	125	93.6%	2.2%	125	88.7%	2.9%	302	73.9%	3.5%	541	47.8%	3.5%
New Hampshire	53	98.1%	1.9%	53	94.3%	3.2%	135	72.3%	5.3%	196	55.9%	6.5%
New Jersey	452	90.0%	1.4%	452	84.1%	1.7%	1,270	61.7%	1.9%	2,215	41.1%	1.8%
New Mexico	111	100.0%	0.0%	111	98.2%	1.3%	259	83.6%	3.5%	450	49.4%	4.4%
Nevada	109	95.4%	2.0%	109	89.6%	3.0%	296	62.3%	4.1%	507	30.1%	4.1%
New York	1,585	92.1%	0.7%	1,585	87.0%	0.8%	3,630	63.9%	1.2%	5,947	41.1%	1.1%
Ohio	702	93.9%	0.9%	702	89.2%	1.2%	1,928	66.1%	1.5%	3,748	35.9%	1.3%
Oklahoma	178	93.8%	1.8%	178	89.8%	2.3%	558	66.5%	2.7%	983	43.4%	2.6%
Oregon	258	95.7%	1.3%	258	91.7%	1.7%	727	68.2%	2.4%	1,202	48.1%	2.5%

(Continued)

Source: OPTN/SRTR Data as of May 4, 2009.

Notes:

(+) = Values not determined due to insufficient follow-up. (-) = Values not determined since there were no transplants in the category.

Cohorts are transplants performed during the years listed at the top of the table.

Graft survival follows individual transplants until graft failure. Counts for patient and graft survival are different because a patient may have more than one transplant for a type of organ.

Center volume = Center's yearly transplants performed during the base period, based on kidney and kidney-pancreas transplants.

Multi-organ transplants are excluded.

Dialysis needed within first week excludes patients whose graft failed before the end of the week.

Table 5.10c (Continued)
Unadjusted Graft Survival, Deceased Donor Kidney Transplants
Survival at 3 Months, 1 Year, 5 Years, and 10 Years

	3 Months			1 Year			5 Years			10 Years		
	(Tx 2006 - 2007)			(Tx 2006 - 2007)			(Tx 2002 - 2007)			(Tx 1997 - 2007)		
	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.
Transplant Center State												
Pennsylvania	1,579	94.0%	0.6%	1,579	88.5%	0.8%	4,348	62.5%	1.0%	7,301	40.2%	1.0%
Puerto Rico	146	97.3%	1.4%	146	95.2%	1.8%	393	84.2%	2.3%	576	50.0%	5.2%
Rhode Island	56	98.2%	1.8%	56	92.9%	3.4%	209	62.3%	4.3%	366	36.7%	4.4%
South Carolina	281	97.2%	1.0%	281	91.4%	1.7%	706	69.5%	2.5%	1,254	37.5%	2.4%
South Dakota	56	98.2%	1.8%	56	89.2%	4.2%	178	64.1%	5.0%	284	44.2%	5.0%
Tennessee	566	93.5%	1.0%	566	88.8%	1.3%	1,518	68.2%	1.6%	2,508	36.2%	1.8%
Texas	1,639	94.7%	0.6%	1,639	91.2%	0.7%	4,547	71.0%	0.9%	7,694	45.8%	1.0%
Utah	142	95.8%	1.7%	142	94.3%	1.9%	423	76.0%	2.7%	755	55.7%	3.0%
Virginia	524	96.0%	0.9%	524	91.0%	1.2%	1,294	66.8%	1.8%	2,130	39.3%	1.8%
Vermont	55	96.4%	2.5%	55	92.7%	3.5%	108	82.8%	4.5%	166	69.5%	5.3%
Washington	362	97.5%	0.8%	362	94.1%	1.2%	1,162	77.1%	1.6%	1,937	46.5%	2.2%
Wisconsin	556	95.7%	0.9%	556	91.0%	1.2%	1,561	65.8%	1.7%	2,574	42.7%	1.8%
West Virginia	83	96.4%	2.0%	83	92.8%	2.8%	234	70.7%	3.8%	482	40.0%	3.7%

Source: OPTN/SRTR Data as of May 4, 2009.

Notes:

(+) = Values not determined due to insufficient follow-up. (-) = Values not determined since there were no transplants in the category.

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Center volume = Center's yearly transplants performed during the base period, based on kidney and kidney-pancreas transplants.

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